

**PRE-CONTRACTURAL REQUIREMENTS
FOR
PROGRAM OFFICE, VENDOR DEVELOPMENT
AND / OR VENDOR INTEGRATIONS
AS THEY PERTAIN TO
LEGACY AND SAASM BASED GPS PPS HAE**

**CZU-03-071
APPENDIX A**



22 April 2003

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1. INTRODUCTION

1.1 Background

This appendix to CZU-03-071 identifies the specific requirements needed by a manufacturer or integrator prior to their being placed on contract by a government sponsor.

In the past, the primary means for getting requirements out to the appropriate program offices and organizations was through word of mouth. Unfortunately, because of the tremendous effect that GPS has had on so many different platforms and programs, many program offices today are not even aware of the specific guidelines that are required to be in place prior to a contractor procuring or developing Global Positioning System (GPS) Precise Positioning Service (PPS) Host Application Equipment (HAE).

In essence, this appendix will identify what a company ***SHALL*** have prior to procuring or developing GPS PPS HAE. This appendix will also provide a list of requirements that a vendor ***SHALL*** need before they can be placed on contract to manufacture or integrate GPS PPS HAE for a DoD contract.

Note: In this appendix (CZU-03-071, Appendix A) GPS PPS HAE is defined as any legacy GPS PPS security device, legacy GPS PPS receiver, GPS simulator, SAASM and/or SAASM-Based HAE.

1.2 Purpose

This document (CZU-03-071, Appendix A), establishes the guidelines required by a manufacturer prior to their being placed on contract and/or developing GPS PPS HAE. Compliance with these requirements and procedures facilitates the development cycle that programs require as a part of their overall scheduling requirements.

1.3 Scope

Section 2 identifies the GPS security requirements reflecting the information within this appendix. Section 3 identifies the requirements for Integrators and Manufacturers of GPS PPS HAE prior to them being placed on contract to integrate and / or develop GPS PPS HAE. Section 4 addresses the applicable points of contact for the requirements laid out within this appendix.

2. GPS SECURITY REQUIREMENTS

All US companies developing, manufacturing, selling, procuring, integrating, consigning or otherwise handling GPS PPS HAE **SHALL** become familiar with the security requirements contained in this appendix (CZU-03-071, Appendix A) and with the following references. All requests for these documents and/or references should be sent to the GPS JPO Technical Library at <https://gps.losangeles.af.mil/gpsarchives/1000-public/1300-lib/default.html>

- CJCSI 6140.01 NAVSTAR GPS SAASM Requirements (Joint Chiefs of Staff Instruction requiring the fielding of SAASM and SAASM based HAE)
- CZE-93-105A, NAVSTAR Global Positioning System (GPS), Precise Positioning Service (PPS) Host Application Equipment (HAE) Security Approval Requirements, latest edition
- CZE-93-105A-SAASM, NAVSTAR Global Positioning System (GPS), Selective Availability Anti-Spoofing Module (SAASM), Precise Positioning Service (PPS) Host Application Equipment (HAE) Security Approval Requirements, latest edition
- CZE-93-295, NAVSTAR Global Positioning System (GPS), Precise Positioning Service (PPS) Satellite Signal Simulator Security Approval Requirements, latest edition
- CZE-94-001, NAVSTAR Global Positioning System (GPS), Selective Availability Anti-Spoofing Module (SAASM) Security Approval Requirements, latest edition
- Cryptographic Key Ordering Instructions, latest edition
- KOG-SAASM-001, Key Data Processor (KDP) Loading Installation Facility (KLIF) Operational Guidelines (KOG), latest edition
- NTISSI No. 3006, Operational Security Doctrine for the NAVSTAR Global Positioning System User Segment, latest edition
- NAVSTAR Global Positioning System (GPS), System Protection Guide (SPG) (formerly Security Classification Guide), latest edition

3. REQUIREMENTS FOR INTEGRATORS AND MANUFACTURERS OF GPS PPS HAE PRIOR TO THEM BEING PLACED ON CONTRACT TO INTEGRATE AND / OR DEVELOP GPS PPS HAE

Before a contractor can procure or even receive GPS PPS HAE, that contractor ***SHALL*** meet the eligibility requirements specified below. These requirements reflect security policy and directives that have been developed over the years from specific events and process issues that have been improved upon. These policies and guidelines in turn have come out of multiple government organizations and it is from these that the GPS JPO is enforcing the following requirements. As such, the GPS JPO cannot unilaterally waive any requirement no matter how trivial it may seem.

With this in mind, the first step to being able to handle GPS PPS HAE in any form (whether it be for integrations or development) is to meet the following base requirements. Once these have been met, the integrator and / or manufacturer will then be able to procure, and / or take custody of GPS PPS HAE in support of development and / or integration efforts.

If a contractor does not meet these requirements then an authorization ***SHALL*** be *disapproved* and that contractor may as a result become non-compliant with their contractual obligations. ***Not meeting a contractual milestone will not justify a waiver from organizations outside of the GPS JPO.*** This point is key to ensuring that a developer has been through the necessary security process prior to going on contract with a specific DoD program office, no matter how qualified the company may be.

Note: A contractor as outlined within this appendix is any company or organization that is not a US Department of Defense (DoD) organization or a US Government Federal User who has been approved by the US DoD to use and acquire GPS PPS HAE.

Note: The requirements specified in this appendix are laid out in various security directives from several different agencies and organizations within the US DoD. A change to these requirements would require concurrence from several different agencies.

3.1 FREE FROM FOCI

Being Free from Foreign Ownership, Control and Influence (FOCI) is the first step to being able to have access to GPS PPS HAE. If this is not the case, then the company needs to have completed actions to negate FOCI in accordance with the DoD 5220.22-M, National Industrial Security Program Operating Manual (NISPOM).

3.2 FACILITY CLEARANCE

The next step to being able to have access to GPS PPS HAE is to have a facility clearance of SECRET or higher in accordance with DoD 5220.22-M, National Industrial Security Program Operating Manual (NISPOM).

3.3 COMSEC ACCOUNT

Once both 3.1 and 3.2 have been met, the company is then required to have a COMSEC account established by the US Government. This requirement is specified in DoD 5220.22A, Communications (COMSEC) Security Annex.

3.4 DOD SPONSORSHIP

Once the first three requirements have been met, a company is then required to find a government sponsor in order for it to procure or even handle GPS PPS HAE. This sponsor can come in the form of one of the following:

- DoD Sponsorship

A DoD sponsor is any DoD organization or service that specifically requires a company to integrate or develop GPS PPS HAE in support of a specific program.

- Authorized US Government Agency Sponsorship

An authorized US Government Agency sponsor is an agency that has been approved by the US DoD to be able to acquire and use GPS PPS HAE. Therefore, any authorized US Government Agency can sponsor a contractor to integrate and/or develop GPS PPS HAE.

- OASD (C3I) Sponsorship (IR&D)

For those contractors that desire to build GPS PPS HAE, OASD (C3I) is required to provide a letter of approval to a contractor specifically enabling them to perform Internal Research and Development (IR&D). This simply provides the contractor with a government sponsor in order to develop GPS PPS HAE for internal development and testing only. ***This letter SHALL not approve the contractor to sale equipment to other services or agencies. In order to perform this function they must first be on contract with a government program office. A letter of IR&D SHALL not cover their development for a government program.***

- Foreign Military Sales (FMS)

For those contractors with Foreign Military Sale requests, there is a specific process that must be followed before GPS PPS HAE can be delivered to the FMS customer. This appendix does not

cover FMS procurements. For FMS cases, please review CZU-03-071 for specific guidelines and contacts.

3.5 SAASM ACCOUNT CUSTODIAN (SAC)

Once a company has access to GPS PPS HAE and has a government sponsor, the company can then request authorization from the User Equipment Security Branch within the GPS JPO to procure. If the GPS PPS HAE being procured has SAASM integrated within it, then the request must identify the company's SAASM Account number.

SAASM Accounts; Identified as KLIF Account number on the authorization templates, are provided by the KDP Loading and Installation Facility (KLIF). In order to gain a SAASM Account the contractor must contact the KLIF directly. As part of the KLIF's function they track SAASM and SAASM-Based HAE. As such, the KLIF requires that each and every SAASM or SAASM-based HAE manufacturer have a KLIF account in place.

To initiate the process to get an account, the company must contact the KLIF directly at 478-923-2662 x 106 or 111. The KLIF will then provide the company with a SAASM Account Custodian Handbook that identifies the entire process, including points of contact and means to establishing the account. Once read, the company will need to fax the attached appendix back to the KLIF (478-923-5625). Upon receipt of this appendix, the KLIF will then assign the company an account number, schedule them for training, and assist them in acquiring a digital certificate specific to the KLIF.